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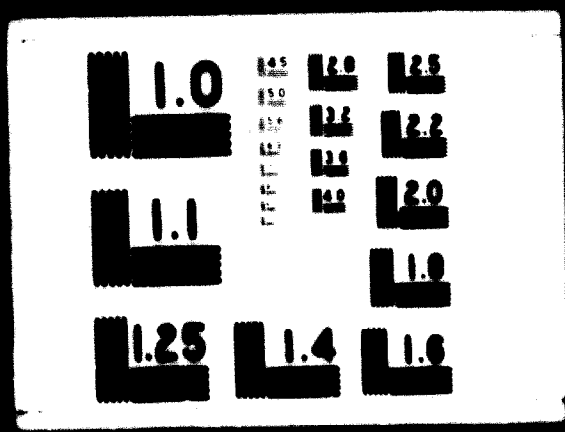
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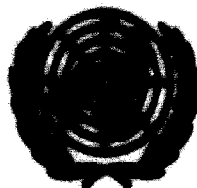
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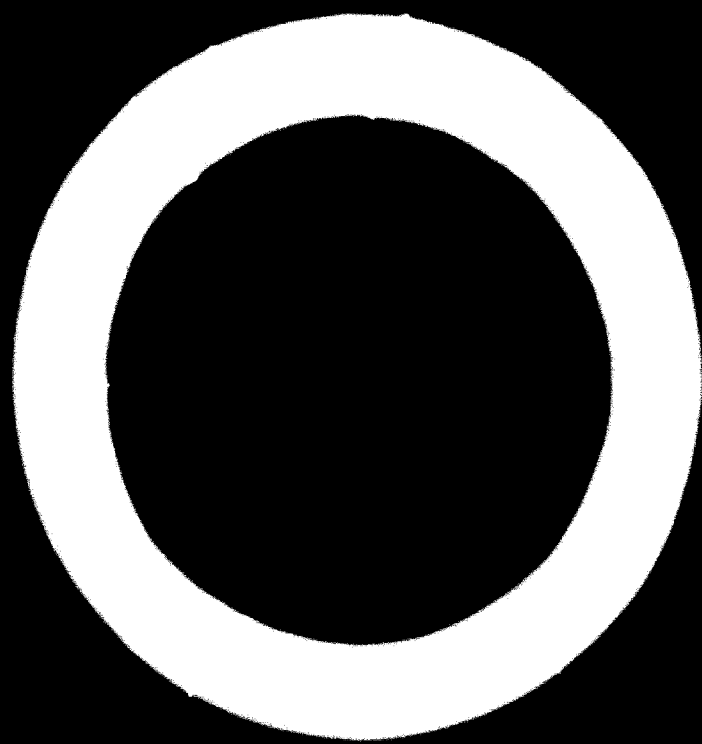
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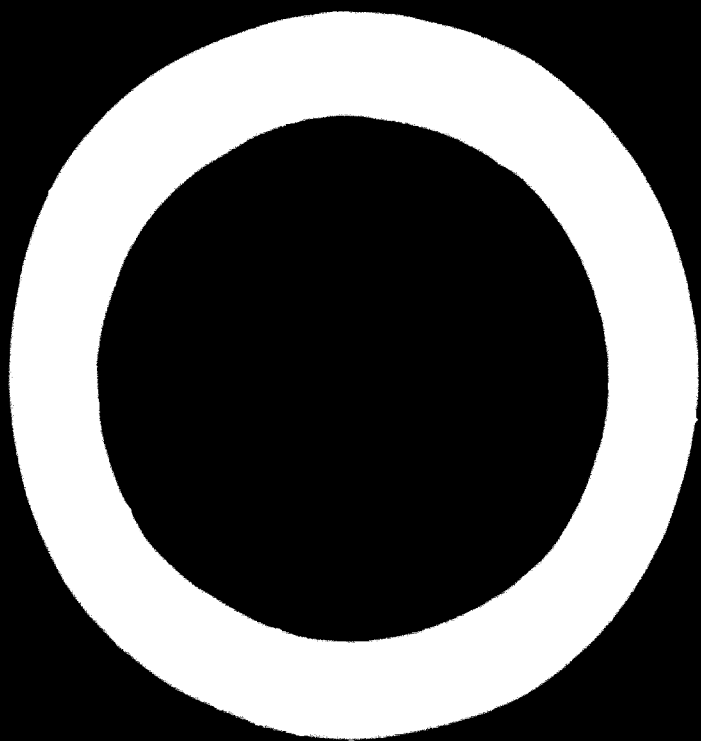
**WORLD ASSOCIATION
OF INDUSTRIAL
AND TECHNOLOGICAL
RESEARCH
ORGANIZATIONS
(WAITRO)**

**Report of the Founding Meeting held in
Vienna, 28-30 October 1970**



UNITED NATIONS





UNITED NATIONS INDUSTRIAL DEVELOPMENT ORGANIZATION
VIENNA

**WORLD ASSOCIATION OF
INDUSTRIAL AND TECHNOLOGICAL
RESEARCH ORGANIZATIONS
(WAITRO)**

**Report of the Founding Meeting held in
Vienna, 28-30 October 1970**



**UNITED NATIONS
New York, 1971**

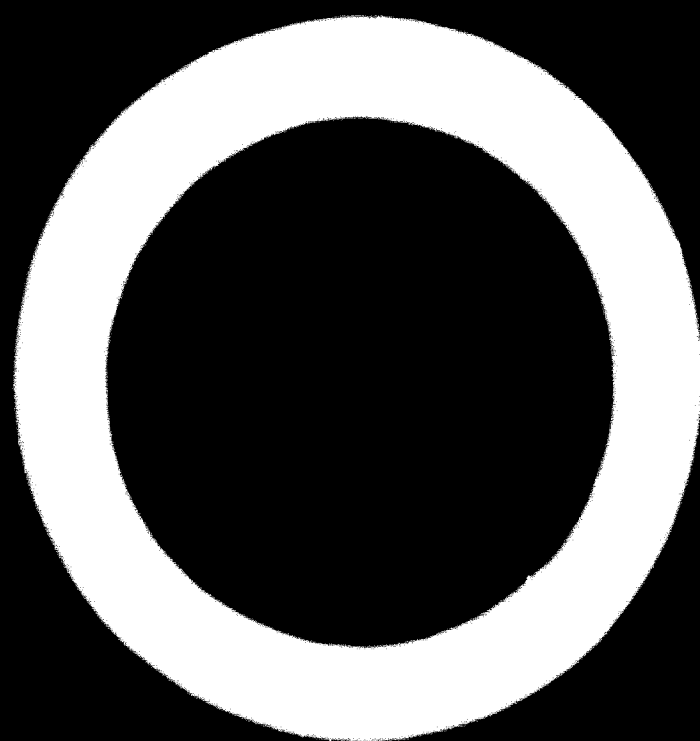
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Introduction

Athens recommendations

1. An Interregional Workshop of Managers of Industrial Research Institutes in Developing Countries was held in Athens in July 1967 under the sponsorship of the United Nations Industrial Development Organization (UNIDO). At the conclusion of the meeting, a recommendation was unanimously adopted "inviting UNIDO to take steps towards the establishment of an International Association of Industrial Research Institutes". The International Symposium for Industrial Development held in Athens in December 1967 and attended by delegations from 79 countries endorsed the recommendation of the workshop and "invited UNIDO to consider the question of establishment of an International Association of Industrial Research Institutes, with the objective of facilitating co-operation in the exchange of experiences, know-how and professional expertise". It further recommended that "UNIDO promote international collaboration between research institutes and organizations in developed and developing countries, as well as regional and interregional co-operation and co-ordination of activities between developing countries".

Action by UNIDO

2. UNIDO organized an Expert Group meeting in Vienna from 26 to 29 May 1969 to study the feasibility of establishing the Association. The ten experts who participated observed that "while the industrially advanced and less advanced countries have both defined their scientific and industrial research policies with varying degrees of comprehensiveness and have reached various levels in implementing them, there seems to be universal agreement that an important practical measure would be the establishment of industrial research institutes which would be the focal point of research, and would serve as a local basis for indigenous innovation and technological improvement". They further noted that "Industrial research institutes may encompass a whole range of sectors of industry and could provide a variety of services,

depending upon the stage of the development of the country and of the industry, the availability of resources, and the national industrial development plans of the government." As a practical measure to provide united efforts on an international level in finding solutions to these and other problems impeding the development and adaptation of industrial research facilities to meet the demands of new technologies, the group unanimously recommended that UNIDO proceed with preparations for the establishment of an association. On the basis of recommendations regarding the aims and objectives of the Association, its membership, finance and organization, the Expert Group prepared a draft constitution. A complete report of the meeting has been circulated among several organizations.

3. Following the recommendation of the Expert Group, industrial research organizations in most countries of the world were contacted to ascertain their interest in founding the Association. Favourable replies were received from more than 167 organisations in 63 developing and 22 industrialized countries.

4. A preparatory committee met in Vienna from 26 to 27 October 1970 to assist UNIDO in final preparations for the founding meeting. The committee reviewed the documents prepared for the discussion of the founding members (draft constitution and by-laws, rules of procedure, the provisional list of participants and the agenda). The criteria for the selection of the Secretary-General (Secretariat) and the future work programme of the Association were also discussed. A summary report of the meeting of the preparatory committee is given in annex 1. (The full report of the preparatory committee meeting, as prepared by the Rapporteur, was distributed at the founding meeting.)

5. Upon the invitation of UNIDO, 96 officials representing 84 industrial research organizations in 54 developing and industrialized countries, members of the United Nations family and other international organizations met in Vienna from 28 to 30 October 1970 to establish the World Association of Industrial and Technological

Research Organizations (WAITRO). A list of the participants is given in annex 2.

6. Mr. L. Katkhouda, Acting Chief, Industrial Institutions Section, welcomed the participants. Mr. J. E. Stepanek, Director, Industrial Services and Institutions Division, expressed his appreciation of the efforts that had led to convening the meeting. He noted that the past catalytic role of UNIDO would find practical expression through the activities of the Association. The recent realization of the need for closer integration of industrial research with industrial development, particularly in the developing countries of the world, has brought out the importance of creating such an organization. At the concluding meeting, Mr. Stepanek expressed the hope that the Association would be effective in achieving its aims and goals and would advise UNIDO in its work on industrial research.

7. Mr. N. Grigoriev, Director, Industrial Technology Division, addressed the meeting and presented a welcoming statement on behalf of the Executive Director, Mr. I. H. Abdel-Rahman, stressing the importance of industrial research as an effective tool of industrial development. Although the concept was relatively new, industrial research had taken rapid strides since the beginning of the century. The Executive Director emphasized the need for co-operation at various levels among research organizations, and pointed out that meaningful international co-operation must cross national and regional boundaries to provide an appropriate structure and sufficient scope to handle the rapid technological developments. In conclusion, he stated that, although UNIDO had taken the initiative in establishing the Association, its role had only been that of a catalyst, and the future of the Association was now in the hands of the member organizations. The text of the Executive Director's statement is given in annex 3.

8. The rules of procedure of the Industrial Development Board of UNIDO were used as general guidelines for the conduct of business of the meeting. The following officers of the meeting were elected: Chairman, Mr. W. Bredo (United States); Vice-Chairman,

Mr. M. Noriega Morales (Guatemala); and Rapporteur, Mr. E. Larley (Ghana).

9. The agenda of the meeting is given in annex 4. English, French and Spanish were the working languages used at the meeting. A list of the documents presented at the meeting are given in annex 5.

MEETING OF THE FOUNLING MEMBERS

10. The Chairman of the preparatory committee, Mr. S. H. Siddiqui, introduced the work of the committee. Mr. I. A. Akinrele, Rapporteur of the committee, presented the detailed report of the committee's deliberations and summarized the discussions and recommendations of the committee.

11. Each paragraph of the draft constitution and by-laws was read, discussed and amended where necessary. Paragraph 6 of article IV dealing with membership evoked particularly lengthy discussions. Mr. M. Noriega Morales headed a ten-man subcommittee, which examined the matter thoroughly. Its recommendations were unanimously adopted and incorporated in the appropriate sections of the constitutions and by-laws.

12. Clause 2.08 of the draft by-laws regarding membership fees generated considerable discussion. It was agreed to establish a differential in fees between organizations in developing countries and organizations in industrialized countries. An eight-member subcommittee under the chairmanship of Mr. A. Sharif studied the fee structure in detail. On the basis of its estimate of US\$60,000 as a minimum for the first annual operational budget of the Association the number of participants attending the meeting and possible outside assistance to the Association, the committee recommended a fee structure for members of the Association, which was included in the by-laws. It was noted that the estimated budget of US\$60,000 was a bare minimum for the Association to attain satisfactorily its targets for the first year.

13. Clause 9.01 of the by-laws concerning official languages of the Association led to considerable discussion. It was agreed to use English, French and Spanish as the official languages of the Association with English as the working language.

14. The constitution was unanimously adopted by a roll-call vote and the by-laws by a majority vote. These documents are reproduced in annex 6. A recommendation was adopted for the Executive Committee of WAITRO to study the draft rules of procedure of its General Assembly and report back to the next meeting of the General Assembly.

15. The bureau consisting of the Chairman, Vice-Chairman and the Rapporteur had examined the credentials of the participants on the basis of the registration form signed by each member prior to the meeting. The following guidelines proposed by the preparatory committee for the election of officers were adopted:

The President should be a representative of an organization in a developing country;

Three of the six members of the Executive Committee should be the representatives of organizations in developing countries (one each from Africa, Asia and Latin America);

The other three members should be the representatives of organizations in industrialized countries (one each from Eastern Europe, Western Europe and the English-speaking countries of Canada, United Kingdom and United States).

16. The following officers were elected by secret ballot:

President Mr. S. H. Siddiqui (Pakistan)
(and Chairman of the Executive Committee)

First Vice-President Mr. M. Knudsen (Denmark)

Second Vice-President Mr. M. Noriega Morales
(Guatemala)

Executive Committee

Africa Mr. E. Lartey (Ghana)

Asia Mr. P. Cheosakul (Thailand)

Canada, United Kingdom and United States Mr. W. Bredo (United States)

Eastern Europe Mr. S. Ristić (Yugoslavia)

Latin America Mr. C. M. Añez (Venezuela)

Western Europe Mr. J.-L. Kahn (France)

17. The Executive Committee met and unanimously elected Mr. W. Bredo and Mr. P. Cheosakul as Vice-Chairman of the Executive Committee and Treasurer, respectively. It discussed the work programme drafted by the preparatory committee. The Executive Committee used the following criteria in reviewing candidates for the position of Secretary-General:

Location and nature of activities of the applicant's organization;

Facilities available, including manpower, and the reproduction and circulation of documents;

The personality of the applicant.

18. Mr. Siddiqui, the President-Elect and Chairman of the Executive Committee, summarized the recommendations of the Executive Committee regarding the appointment of the Secretary-General and the work programme of the Association.

19. The draft work programme was discussed and various points were recommended for priority to the Secretary-General in the preparation of the detailed plan for implementation. Observers representing international organizations expressed their intent to co-operate with the Association. The unanimously adopted work programme is given in annex 7.

20. Mr. Siddiqui briefly outlined the major achievements and activities of Mr. P. C. Trussell, Director of the British Columbia Research Council, who was the unanimous choice of the Executive Committee in its recommendation for appointment as the first Secretary-General of the Association. The appointment was approved by a majority vote of the General Assembly. Mr. Trussell thanked the Executive Committee and the General Assembly for their confidence in him and gave some insight into his personality by pointing out that he looks upon himself as a manager rather than as an administrator. He then gave a brief picture of the job as he saw it and emphasized the need for a positive and practical approach in conducting the affairs of the Association.

21. In a roll-call response to the invitation for formal pledges, 52 organizations indicated their intentions to become members of

the Association. Written confirmations would be sent to the Secretary-General.

22. Following a unanimous adoption of a formal motion concerning the establishment of the Association, the Chairman announced the founding of WAITRO.

23. At its closing session, the report of the Rapporteur was unanimously approved and UNIDO was authorized to reproduce and circulate the complete report of the meeting.

FOLLOW-UP ACTION

Executive Committee

24. The Executive Committee met briefly with the Secretary-General to give him general guidelines and direction. It was agreed to convene a meeting of the committee in June 1971 at the temporary headquarters of WAITRO in Vancouver, Canada. The purpose is to:

Assess the progress of WAITRO during the first year of its existence;

Review the work programme and budget of WAITRO;

Finalize the draft provisional rules of procedure of the General Assembly;

Review applications for membership and make recommendations for the admission of new members;

Discuss matters relating to the permanent headquarters of WAITRO;

Consolidate details concerning the 1972 biennial meeting of the General Assembly with regard to location, date and agenda.

Co-operation with UNIDO

25. Arrangements have been made to publish articles concerning WAITRO in the Industrial Research and Development News (circulation 2,000) and the UNIDO Newsletter (circulation 10,000). A sixteen-page feature on the establishment of WAITRO will be published early in 1971. It was also indicated that, during the formative years,

UNIDO might possibly assist in the translation and reproduction of some of WAITRO's major documents.

26. In addition, UNIDO's assistance could also include:

Co-operation in organizing meetings for specific needs of groups of member organizations;

Provision of technical assistance to member organizations recommended by WAITRO;

Access of WAITRO's members to UNIDO's network of contacts and correspondents in the field of industrial development.

27. On the other hand, there are possibilities for co-operation between WAITRO, as the international representative of industrial research organizations, and UNIDO, the United Nations body particularly concerned with industrial development, whereby the latter could draw greatly upon the expertise of the former. It is expected that WAITRO would make a definite and concrete contribution to UNIDO's work, in particular by:

Helping to define general and national research policies;

Identifying areas of research at a national or regional level where help is needed;

Compiling a roster of available experts in the management of industrial research as well as experts in specific fields of research for assignment under UNIDO's auspices in its technical assistance programmes;

Compiling and updating a register of organizations actively undertaking industrial and technical research;

Promoting training opportunities in industrial research at member organizations for individuals or for groups.

Inquiries and correspondence

28. Inquiries and correspondence regarding WAITRO should be directed to the Secretary-General at the following address:

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World Association of Industrial and
Technological Research Organizations (WAITRO)
c/o British Columbia Research Council
3650 Westbrook Crescent
Vancouver 167, British Columbia, Canada

Information can also be obtained from officers of the Association or or members of the Executive Committee listed in annex 8.

Annex 1

SUMMARY REPORT OF THE PREPARATORY COMMITTEE

A preparatory committee of thirteen senior officials from representative industrial research organizations met in Vienna on 26 and 27 October 1970 to assist in planning the founding meeting of the Association. The committee unanimously elected the following officers: Chairman, Mr. S. H. Siddiqui; Vice-Chairman, Mr. W. Klappacher; and Rapporteur, Mr. I. A. Akinrele.

The following documents that were prepared for discussion at the founding meeting were reviewed:

Agenda

Draft constitution (ID/WG.75/1), including comments

Draft by-laws (ID/WG.75/2), including comments

Draft rules of procedure of the General Assembly (ID/WG.75/3), including comments

Criteria for the selection of the Secretary-General.

The problem of raising adequate funds to support the Secretariat and operational activities of the Association was considered; the importance of drawing up a good work programme that would attract many institutional members as well as donations from philanthropic and international organizations was also noted. A working group consisting of Mr. Bredo, Mr. Noriega Morales, Mr. Lukács, Mr. Klappacher, Mr. Weerakoon and Mr. Ekwaro presented proposals for consideration by the Executive Committee. The group recommended to the Executive Committee that strong emphasis be placed on discussion of professional problems during future meetings of the General Assembly and that these meetings should be held in different cities.

It was observed that many activities of the proposed Association would overlap some current UNIDO activities. It was necessary to clarify the relationship envisaged between the organizations. UNIDO indicated that since WAITRO, in accordance with the proposed constitution, would be an autonomous non-governmental body, it could neither be linked directly to any organization of the United

Nations family nor could any of the latter organizations become members of WAITRO. However, many of WAITRO's activities would be considered for inclusion in the technical assistance programmes of the United Nations. UNIDO further indicated that it would endeavour to support WAITRO's activities during the initial period.

Annex 2

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Geological Department
Kosovska Mitrovica

M. Dushi
Director

Z. Todorović
Chief

Automation Institute
"ISKRA"

Tržaska c 2
Ljubljana

M. Slokan
Counsellor for Research and Technical
Co-operation

Research and Development Institute
"KRKA"

Pharmaceutical and Chemical Works
Nad Mlini 7a
Novo Mesto

Z. Rostočil
Vice-Director

Metallurgical Institute "Hasan Brkić"
Mining Institute
Zenica

F. Lipničević
Deputy Director

Mining Institute
Industrial and Technological Research
Division

Batajnički put 2
Belgrade-Zemun

P. Milanović
Chief

Yugoslav Centre for Industrial
Organization and Development
Knez Mihajlova 10/II
Belgrade

S. Ristić
General Manager

YUGOSLAVIA (cont'd)

Institute for Electronic and Vacuum
Technique
(Institut za elektroniko in vakuumsko
tehniko)
Teslova 30
Ljubljana

R. Jancar
Assistant Manager

Federal Chamber of Economy
Research and Development
P.O. Box 1003
Belgrade

D. Strujic
Secretary

Galenika Pharmaceutical and Chemical
Industry
Research and Development Department
Senski trg 7
Belgrade-Zemun

D. Kosanović
Adviser

United Nations and specialized agencies

Economic Commission for
Latin America (ECLA)
Casilla 179-D
Santiago
Chile

B. LEUGCHNER
Regional Adviser on Technological
Research for Industry

Food and Agriculture
Organisation (FAO)
Via delle Terme di Caracalla
Rome
Italy

J. A. H. BARRADA
Technical Officer
Joint FAO/IAEA Division of Atomic
Energy and Agriculture

International Atomic Energy
Agency (IAEA)
KMrntner Ring 11
Vienna
Austria

C. R. O'NEAL
Chief
Research Contact Section
S. KASEMSANTA
First Officer
Division of Research and
Laboratories

United Nations and specialized agencies (cont'd)

International Bank for
Reconstruction and
Development (IBRD)
European Office
66 Avenue d'Iéna
75 Paris XVIe
France

G. C. WISHART
Chief of Liaison Operations

United Nations Conference on
Trade and Development
(UNCTAD)
Palais des Nations
Geneva
Switzerland

S. J. PATEL
Chief
Transfer of Technology Branch

United Nations Educational,
Scientific and Cultural
Organization (UNESCO)
Place Fontenoy
75 Paris XVIe
France

S. CHAMECKI
Chief
Engineering Science and Research
Section

United Nations Office for
Science and Technology
United Nations
New York

B. BARG
Chief
New Technologies Section

World Health Organization
(WHO)
c/o IAEA, Kärntner Ring 11
Vienna
Austria

G. NEILLAND
Liaison Officer with IAEA
and UNIDO

Intergovernmental Organizations

Organisation for Economic
Co-operation and Development
(OECD)
2 rue André-Pascal
Paris XVIe
France

W. KURTH
Principal Administrator

Organization of American
States (OAS)
Pan American Union
Washington, D.C. 20006
United States

A. FONTES
Technological Development Unit,
Department Scientific Affairs

Non-governmental Organizations

European Industrial Research Management Association (EIRMA) 38 Cours Albert Ier Paris VIIIe France	K. H. STANDKE Secretary-General
International Council for Building Research, Studies and Documentation (CIB) 62 Cannon Street London E.C.4 United Kingdom	E. C. WILLIAMS Chief Scientist (Energy) Ministry of Technology
International Federation of Operational Research Societies (IFORS) P.O. Box 299, Weena 700 Rotterdam Netherlands	W. J. BIERENS DE HAAN Assistant Secretary
Management Centre Europe Avenue des Arts 4 Brussels Belgium	M. H. JUL Consultant Management Centre Europe
World Federation of Engineering Organizations (WFEO) Savoy Place London W.C.2 United Kingdom	F. J. SMITH Secretary-General

Regional Organizations

East African Industrial Research Organizations (EAIRO) P.O. Box 30650 Nairobi Kenya	K. E. EKWARO* Senior Research Officer
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* Member of the preparatory committee.

Regional Organizations (cont'd)

Industrial Development Centre A. K. HILMI
for Arab States (IDCAS) Director
P.O. Box 1297 Technology and Design Division
Cairo
United Arab Republic

Instituto Centroamericano de M. NORIEGA MORALES*
Investigación y Tecnología Director
Industrial (ICAITI)
Avenida La Reforma 4-47, Zona 10
P.O. Box 1552
Guatemala City
Guatemala

United Nations Industrial Development Organisation (UNIDO)

N. GRIGORIEV
Director
Industrial Technology Division

L. KATHKHOUDA**
Acting Chief
Industrial Institutions Section
Industrial Services and Institutions
Division

A. LERICHE**
Legal Liaison Officer
Office of the Executive Director

S. N. NDAM**
Assistant Industrial Development Officer
Industrial Institutions Section
Industrial Services and Institutions
Division

J. E. STEPANEK
Director
Industrial Services and Institutions
Division

* Member of the preparatory committee.

** Advisers to the preparatory committee.

Annex 3

STATEMENT BY MR. I. H. ABDEL-RAHMAN,
EXECUTIVE DIRECTOR OF UNIDO

Industrial research is recognized in both industrialized and developing countries as an effective tool of industrial development. Although the relatively new concept of industrial research dates from the first decade of this century, it has developed rapidly. Among the many advantages of organizing research into specialized bodies are the following: conservation and efficient use of diversified talents; sharing of research services; flexibility and diversity of facility; training of specialized personnel and helping to keep industries up to date. Most developing and industrialized countries have defined their scientific and industrial research policies with varying degrees of comprehensiveness and have reached various levels in their implementation. However, there seems to be a general agreement that an important practical measure would be either to establish or to modify industrial research organizations in order that they may become the focal point of innovation and technological improvement.

With constant rapid developments in technology, industrial research organizations need to adapt their structure and the scope of their activities in order to deal with such changes. More than ever before co-operation at various levels between research organizations must break national and regional boundaries and establish international links if meaningful results are to be achieved. Such considerations led to the adoption of a recommendation at the Interregional Workshop of Managers of Industrial Research Institutes in Developing Countries in Athens in December 1967 "inviting UNIDO to take steps towards the establishment of an International Association of Industrial Research Institutes". This decision was endorsed by the International Symposium for Industrial Development held in Athens in December 1967. As a follow-up, UNIDO organized an Expert Group Meeting in Vienna last year to consider the feasibility of establishing such an Association. The report of the

Expert Group Meeting, which has been circulated to you, indicates that such a venture is feasible.

Various organizations and government agencies dealing with industrial research in most countries of the world have been contacted to ascertain their interest in the proposed Association, and in becoming founding members. More than 170 organizations in more than 60 developing and 20 industrialized countries have responded favourably. It has not been possible for all of them to be represented here today, but those absent have expressed their interest to be kept informed of further developments regarding the Association. They may apply for membership at a later date.

I cannot over-stress the importance of this meeting. Although UNIDO has taken the initiative in the effort to establish MAITRO, its future lies in the hands of its members. UNIDO believes that MAITRO has a definite purpose as foreseen in its aims and objectives and it will be the responsibility of its members to maintain and nurture it so that MAITRO develops into an efficient tool for the advancement of industrial research. A quick glance at your provisional agenda reveals that you will be discussing major issues that will affect not only the future of the Association, but also through it the level of development of industrial research in various countries. While UNIDO is assuming a catalytic role during the formative years of your Association, MAITRO's members must orient it in the direction best suited for the accomplishment of its goals. Your presence here indicates your interest in the establishment of the Association, and I am sure that your participation and contributions will be instrumental in making MAITRO a reality.

Annex A

AGENDA

Opening of the meeting

Election of officers for the meeting

Chairman

Vice-Chairman

Rapporteur

Introductory remarks by the Chairman of
the preparatory committee

Adoption of the draft agenda and schedule

Discussion and adoption of the constitution

Discussion and adoption of by-laws

Discussion and adoption of provisional rules
of procedure of the General Assembly

Election of officers of the association and
members of the Executive Committee

Organization

Financial matters

Secretariat

Appointment of the Secretary-General
(Secretariat)

Presentation of the tentative work programme
by the Executive Committee

Other business

Discussion and adoption of the report of the
meeting

Closing remarks

Annex 5

LIST OF DOCUMENTS*

Draft constitution	ID/WG.75/1/Rev.1 26 October 1970
Draft by-laws	ID/WG.75/2 28 July 1970
Draft rules of procedure	ID/WG.75/3 28 July 1970
Provisional agenda	ID/WG.75/4/Rev.2 26 October 1970
Provisional list of participants	ID/WG.75/5 19 October 1970
Provisional annotated agenda	ID/WG.75/6 26 October 1970
Provisional schedule	ID/WG.75/7 26 October 1970
Meeting of the preparatory committee and list of participants	ID/WG.75/8 26 October 1970
Amendments to draft by-laws	ID/WG.75/9 27 October 1970
Report of the preparatory committee meeting by the Rapporteur	ID/WG.75/10 28 October 1970
Draft report of the meeting of the founding members, Wednesday, 28 October 1970, by the Rapporteur	ID/WG.75/11 28 October 1970
Draft report of the meeting of the founding members, Thursday, 29 October 1970, by the Rapporteur	ID/WG.75/12 30 October 1970

* A limited number of copies are available upon request.

Annex 6

CONSTITUTION AND BY-LAWS OF THE WORLD ASSOCIATION OF
INDUSTRIAL AND TECHNOLOGICAL RESEARCH ORGANIZATIONS
(WAITRO)

CONSTITUTION

I Preamble

1. Industrial and technological research covering Research and Development and innovative investigations has been recognized as one of the essential requirements of dynamic and successful industrial development at the national and regional levels. It is through the generation of new ideas and techniques and finding the means of exploiting new materials and processes that progressive industrial, and consequently social, advancement can be realized.

2. Many industrial and technological research institutes exist or have been established lately and are making a valuable contribution to the general industrial research effort. But it is realized today more than ever before, that it is important for industrial research institutes and associations to create an effective liaison for the exchange of ideas, information and experience, and for co-operation, co-ordination and mutual support at the regional and international levels. In this manner industrial research and development (R & D) efforts would become more efficient; unnecessary duplication would be avoided; and practical application of research findings would be promoted.

II Name

3. The name of the Association shall be: World Association of Industrial and Technological Research Organizations. "WAITRO" shall be its abbreviation in all languages.

III Aims and activities

4. The aims of the Association shall be:
- (a) To facilitate the development and advance the level and capabilities of member industrial and technological research organizations;

- (b) To identify fields of research where international or regional co-operation and possible external assistance is needed;
- (c) To foster and promote co-ordination and co-operation between member institutes and organizations;
- (d) To encourage and facilitate the transfer of research results and technical know-how between members;
- (e) To promote exchange of experience in research management with the view of improving their over-all efficiency.

5. These aims may be implemented by the Association inter alia by:

- (a) Sponsoring meetings;
- (b) Providing assistance in finding financial sources in order to improve research facilities;
- (c) Establishing a central information clearing house for a systematic exchange of information on research organizations such as their programmes, expertise of research staff and research results achieved;
- (d) Establishing programmes for the exchange of research workers and research facilities;
- (e) Serving as a link between research establishments and international associations and federations;
- (f) Acting as a spokesman of Members in matters on which a common opinion is desirable.

IV Membership

6. Technical Membership shall be open to organizations actively engaged in industrial or technical research. Sustaining Membership shall be open to organizations active in encouraging and promoting research and desirous of assisting the Association by financial support or otherwise advancing its aims. Both types of membership shall only be available to non-profit organizations. Non-profit organizations are defined as those which do not distribute profits to stockholders.

7. The Chairman of the Executive Committee shall examine and accept applications for membership to the Association after approval by a simple majority of the Executive Committee.

V Organs

8. The main organs of the Association shall consist of the General Assembly, the Executive Committee and the Secretariat.
9. The General Assembly shall consist of all Members who are in good standing, and shall have the following functions:
 - (a) Decide on the number of Members and structure of the Executive Committee;
 - (b) Elect the President of the Association, who shall also be the Chairman of the Executive Committee;
 - (c) Elect two Vice-Presidents;
 - (d) Elect the other Members of the Executive Committee;
 - (e) Review and approve of working programmes and the global budget presented by the Executive Committee;
 - (f) Review and approve of the report on the activities of the Association since the previous meeting of the General Assembly;
 - (g) Adopt By-Laws of the Association;
 - (h) Adopt Rules of Procedure of the General Assembly;
 - (i) Decide on amendments of the Constitution;
 - (j) Appoint the Secretary-General of the Association upon recommendation of the Executive Committee.
10. The terms of office of the President and the Vice-Presidents shall each be two years.
11. The Executive Committee shall be under the chairmanship of the President of the Association and shall initially contain six other Members elected by the General Assembly. The Executive Committee shall elect from among its Members a Vice-Chairman and a Treasurer and establish its own Rules of Procedure.
12. Each Member of the Executive Committee shall have one vote at meetings of this Committee.
13. A Secretariat shall be established with a Secretary-General appointed by the General Assembly on the recommendation of the Executive Committee as the responsible officer for the discharge of its functions under the guidance of the Executive Committee.

VI Finance

14. The fees shall be established by the General Assembly as established in the By-Laws.

15. Special tasks undertaken in connexion with special committees, studies or activities shall be funded separately by grants or special contributions if they have not been foreseen in the biennial budget presented by the Executive Committee to the General Assembly.

VII Conduct of business

16. The Executive Committee shall prepare at least every two years, a plan of activities of the Association, and shall submit it to all members for comment and amendment. This plan shall take into consideration, as far as possible, the activities planned and proposed by other national, regional and international bodies. The Executive Committee is responsible for initiating and implementing any activities to be undertaken on behalf of the Association.

17. The Executive Committee shall prepare and maintain, under directives from the General Assembly, or on its own initiative, subject to confirmation by the General Assembly, regulations covering the detailed conduct of work.

18. Members shall be kept informed by the Secretariat on the activities of the Association.

VIII By-Laws and Rules of Procedure

19. There shall be By-Laws and Rules of Procedure of the General Assembly which shall be complementary to this Constitution.

IX Amendments

20. A change may only be made in this Constitution if supported by at least two-thirds of the Members in good standing of the Association.

BY-LAWS

Interpretation clause

0.00 For the interpretation of these presents, the following words and expressions shall have the meaning hereinafter stated unless it shall be inconsistent with the object of the context:

0.01 The "presents" mean and include the Constitution, the By-laws and the Rules of Procedure of the Association as may be in force.

0.02 The "Association" means World Association of Industrial and Technological Research Organizations (WAITRO).

0.03 The "Secretariat" means the registered office of the Association.

0.04 "Member" means a member body included in the membership of the Association.

0.05 "Year" means the Gregorian calendar year ending 31 December.

0.06 "Month" means the Gregorian calendar month.

0.07 "Annual Subscription" means subscription for one calendar year.

0.08 The "President" means the President in office of the Association.

0.09 The "General Assembly" means the General Assembly of the Association convened in accordance with the Rules of Procedure.

0.10 The "Executive Committee" means the Committee elected by the General Assembly, under the Rules of Procedure to manage the affairs of the Association.

0.11 The "Chairman" and "Vice-Chairman" mean the Chairman and Vice-Chairman respectively in office of the Executive Committee of the Association elected under Rules 33 and 34 of the Association.

0.12 The "Secretary-General" includes any person appointed by the General Assembly to perform the administrative functions of the Association, whether permanently or otherwise.

0.13 "Notice" means all communications either verbal or written, to Members.

0.14 The word imparting only the singular number includes the plural and vice-versa.

0.15 The word imparting only the masculine gender includes feminine gender, persons include organizations and the converse applies.

Purpose

Clause 1

1.01 These By-laws are adopted under the authority of, and are intended to be complementary to, the Articles of the Constitution of the World Association of Industrial and Technological Research Organizations; and they shall be construed accordingly. In the event of a conflict of any provisions of these By-laws and any provision or requirement of the Articles of the Constitution, the Articles of the Constitution shall prevail.

Membership

Clause 2

2.01 Technical Members of the Association shall be those non-profit national bodies or single institutes which are engaged in industrial and technological research.

2.02 Sustaining Membership of the Association shall be open to non-profit private, national, regional or international bodies or organizations engaged or interested in encouraging, promoting or financing industrial research.

2.03 Members shall enjoy the rights and privileges of the Association, pursuant to the provisions of the Constitution and By-laws. Representatives of all Members in good standing shall have equal voting rights except that a representative of a Sustaining Member shall not qualify for the position of President,

nor shall the Sustaining Members be qualified to have a majority representation in the Executive Committee or in the membership of the Association.

2.04 Subject to such preliminary consultation as may be necessary, each Member of the Association may arrange for a representative to participate in any meeting of any of its constituents or committees when items on the agenda are of interest to the other Member.

2.05 An organization desirous of becoming a Member of the Association, shall apply in writing to the Secretary-General who shall submit the application to the Executive Committee.

2.06 Each Member of the Association at the time of admission to membership shall pay its dues annually. Actual payment shall follow within 90 days from the date of admission, and each following year. Admission dates shall be 1 January and 1 July of each calendar year. Organizations in developing countries shall pay a minimum fee of US\$200 per annum, and those from industrialized countries a minimum fee of US\$500 per annum.

2.07 The Executive Committee shall suspend those Members which are one year behind in payment of their annual fees.

2.08 During this suspension, a Member has no right to hold a seat on the General Assembly or the Executive Committee or to vote, and furthermore may be denied the right to utilize the facilities provided by the Association.

2.08.1 During this suspension, a Member may be restored to its status as a Member by paying its dues in arrears.

2.09 If the suspended Member continuously fails to pay its dues, it will be deemed to have been dropped from membership of the Association as soon as three consecutive subscriptions have remained unpaid.

2.10 If a Member, which has under the terms of Clause 2.9 above, ceased to belong to WAITRO, asks to be admitted again after payment of the full total of its dues remaining unpaid at the point

it was dropped from membership (i.e., three years' dues) the Executive Committee shall, at its discretion, decide in such a case, upon the Member's re-admission to NAATPA.

2.11 Any Member may withdraw from the Association by notice, addressed to the Secretary-General. Such notice shall take effect at the end of the year following that during which the notice was given. No such withdrawal shall affect the financial obligation owed to the Association on the date the withdrawal takes effect.

General Assembly

Clause 3

3.01 The General Assembly shall be constituted by a meeting of the delegates nominated by the Members duly convened in accordance with the Rules of Procedure.

3.02 The General Assembly shall meet in ordinary sessions at least once every two years. Meetings of the General Assembly shall be of the following classes:

3.02.1 The ordinary biennial meeting for the business prescribed in the Constitution and the By-Laws;

3.02.2 Special meetings for the purpose of

- (i) Considering making amendment or revocation of the Rules of Procedure;
- (ii) Considering any specific matter to be moved at such Special General Assembly meeting pursuant to a call from the Executive Committee or any requisition signed by not less than one-third of the members submitted to the Secretary-General.

3.02.3 Extraordinary General Assembly meeting for the purpose of making, amending or revising the Constitution of the Association.

3.03 During its session the General Assembly shall hold the powers of the Association except as herein otherwise provided.

3.04 At the General Assembly, each Member shall have one vote.

3.17 Decisions by the General Assembly shall be by the majority of the Members present and voting except as provided in the Rules of Procedure.

3.18 The General Assembly shall set up special Committees and Commissions and such other subsidiary bodies as may be necessary for its purposes.

Executive Committee

Clause 4

4.01 The management of the Association shall be carried out by an Executive Committee in accordance with the policy and instructions laid down by the General Assembly of the Association. The Executive Committee shall be elected once every two years at the Ordinary biennial meeting of the General Assembly. Three of the elected Members shall take office at the end of the year during which the meeting took place; the rest shall take office one year later. The number of persons on the Committee and its structure may, however, be reviewed from time to time by the General Assembly taking into consideration geographical distribution as far as possible.

4.02 Decisions by the Executive Committee shall be by the majority of the Members present and voting. The Chairman shall have the casting vote. He or his substitute and three other Members shall constitute a quorum.

4.03 Although the Members of the Executive Committee are representatives of their respective organisations, they shall exercise the powers delegated to them by the General Assembly on behalf of the Association as a whole.

4.04 For its effective functioning, the Executive Committee may set up other committees which shall report to it on the matters referred to them.

4.05 The Executive Committee shall meet in regular session at least once a year and may meet in special sessions if convoked by

the Chairman on his own initiative or upon the request of one-third of its members.

4.06 The main functions of the Executive Committee shall be as follows:

4.06.1 To consult with the Chairman on the admission of new Members as well as re-admission of past Members and Sustaining Members.

4.06.2 To recommend to the General Assembly on the appointment and recalling of the Secretary-General.

4.06.3 To review and adopt annual budgets.

4.06.4 To approve a yearly statement of accounts audited by accountants designated by it for this purpose.

4.06.5 To appoint technical committees and regional correspondents as needed.

4.06.6 To prepare a plan of activities of the Association at least every two years, for submission to the General Assembly for approval.

4.06.7 To initiate and implement any activities undertaken on behalf of the Association.

4.06.8 To prepare annual reports of activities of the Association for circulation to the Members of the Association.

4.06.9 To draft and amend regulations subject to confirmation by the General Assembly covering the detailed planning and conduct of activities of the Association.

President and Vice-Presidents

Clause 5

5.01 The President and the two Vice-Presidents of the Association shall be elected in the General Assembly, a simple majority being required for election. Their terms of office shall be two years.

5.02 The President, or in his absence one of the Vice-Presidents or their substitute, shall preside over the General Assembly and

shall submit to the Assembly, the proposals made and the resolutions taken by the Executive Committee.

Secretariat and Secretary-General

Clause 6

6.01 The Secretariat shall consist of the Secretary-General and such administrative and technical staff as may be required for the discharge of duties as approved by the General Assembly and directed by the Executive Committee within the limits of the authorized budget. Pending the decision on the permanent seat, the provisional seat of the Association shall be where the Secretary-General is located.

6.02 Members shall be regularly informed by the Secretariat of the activities of the Association directly, or through any other appropriate channels.

6.03 The Secretary-General shall be the Chief Administrative Officer of the Association. The appointment of the first Secretary-General shall be for a period of three years, thereafter the period of office shall be four years. The Secretary-General is eligible for re-appointment.

6.04 The Executive Committee shall frame and maintain, subject to confirmation by the General Assembly, rules and regulations under which the Secretary-General shall conduct the affairs of the Secretariat. These rules and regulations shall be periodically reviewed by the Executive Committee and the General Assembly.

6.04.1 In case the post of Secretary-General becomes vacant before the expiration of the term of office, the Executive Committee shall appoint an Acting Secretary-General until the next meeting of the General Assembly.

6.05 The Executive Committee shall define the authority of the Secretary-General and the scope of his work. The Secretary-General shall be authorized to collect and disburse funds, and to establish bank accounts. He shall report on these annually to the Treasurer.

6.4. In the performance of his duties, the Secretary-General shall not seek nor receive instructions from any Member, any authority, or from any authority external to the Association, except as may be specifically provided for in the Constitution and the By-laws.

6.5. Each Member and country should respect the international character of the responsibilities of the Secretary-General and his staff and shall not seek to influence them in the discharge of their responsibilities.

Technical Committees and other subsidiary bodies

Article 1

1.1. Technical committees shall work under the supervision of the Executive Committee.

1.2. Each Member interested in a subject, for which a technical committee has been authorized, shall have the right to be represented on the committee.

1.3. The scope for each technical committee shall be approved by the Executive Committee. Within such scope, each technical committee shall determine its own programme of work.

1.4. The Association, on recommendation by the Executive Committee, may establish on a permanent or temporary basis special committees or may be deemed necessary to carry out its work. Such committees shall elect its own chairman and arrange its meetings in consultation, or for as practical, with the Chairman of the Executive Committee.

1.5. The Secretary-General, after consultation with the Executive Committee, shall accept contracts to carry out studies and consulting work and shall distribute them for execution to Members or Technical Committees of the Association.

Finance

Clause 8

8.01 The funds of the Association shall be derived from the dues and contributions from the Members, from the sale of publications and from any other sources as approved by the Association. The financial responsibilities of each Member in respect of the commitments of the Association shall be limited to its annual dues.

8.02 The Executive Committee shall take the steps necessary for the safekeeping and proper administration of the funds of the Association.

8.03 Each year the Treasurer shall send to the Members the budget for the ensuing year as approved by the Executive Committee.

8.04 Each year the Secretary-General shall send to the Members the accounts of the Association for the preceding year, duly verified by a professional auditor and signed by the Chairman and the Treasurer.

Language

Clause 9

9.01 Until the General Assembly otherwise decides the official languages shall be English, French and Spanish. The working language shall be English.

9.02 In case of important documents, as decided by the Executive Committee, English, French and Spanish may be used.

Publication and Dissemination of Information

Clause 10

10.01 For furthering its aims and activities, the Association shall establish programmes and facilities for sustained and systematic collection and dissemination of information. For this purpose it may also issue the following types of documents:

- 10.1.2 Minutes of meetings and financial statements;
- 10.1.3 Working documents of the technical committees and guides in line with the various working reports of work;
- 10.1.4 Technical documents for study purposes;
- 10.1.5 Reports in progress of work within the technical and special committees, and subsidiary bodies of the Association;
- 10.1.6 Technical reports to the Members of the Association;
- 10.1.7 Technical reports resulting from the studies initiated by the requests originating from outside the Association;
- 10.1.8 Annual reports;
- 10.1.9 Periodicals, newsletters, press notes, brochures, information, bibliographies and other similar publications for dissemination of information for industrial and technological research organizations and their programmes and other matters pertaining to the aims and activities of the Association.
- 10.2 Periodicals as to editing, distribution and sale of documents issued or published by the Association shall be made by the Executive Committee for each type of document. Generally, documents under 10.01.1 and 10.01.2 shall be issued only to Members.
- 10.3 Subject to such arrangements as may be necessary for the safeguarding of confidential material, the fullest dissemination of information and documents shall be made as promptly as possible.

Article 11

11.01

11.01 The Association may affiliate with other national, international and regional organizations interested partially or wholly in industrial and technological development or arrange for their affiliation with the Association.

11.02

11.02 The Association shall apply for the highest possible relationship status with the United Nations and its subsidiary organs in industrial research. Special agreements may be sought with the

United Nations and organizations of its family for cooperation in the pursuit of common purposes, provided that these agreements recognize the autonomy of the Association within the limits of its competence as defined in the Constitution of this Association.

11.03 The Association may cooperate with other agencies and intergovernmental organizations and agencies whose interests and activities are related to its purposes. In this and the Secretary-General, acting under the general authority of the Executive Committee, may establish effective working relationships with such organizations and agencies and establish such joint committees as may be necessary to secure effective cooperation. Any formal arrangements entered into with such organizations or agencies shall be subject to the approval of the General Assembly.

11.04 Whenever the General Assembly of this Association and the competent authorities or any other specialized intergovernmental organizations or agencies, whose purposes and functions lie within the competence of this Association, deem it desirable to effect a transfer of their resources and activities to this Association, the Secretary-General subject to the approval of the General Assembly may enter into suitable arrangements for this purpose.

11.05 The Association may enter appropriate arrangements with other national and intergovernmental organizations for reciprocal representations at meetings. National cooperating bodies, where they exist, shall act in an advisory capacity to their respective delegations to the General Assembly and to their Governments in matters relating to the Association and shall function as agencies of liaison in all matters of interest to it.

Rules of Procedure

Clause 12

12.01 Details of the conduct of the General Assembly, Commissions and Subsidiary Bodies shall be dealt with in the Rules of Procedure of the General Assembly.

11.01 The Executive Committee and other Technical Committees established by the Executive Committee shall draft and adopt their own Rules of Procedure.

LEGAL PROVISIONS

Clause 11

11.01 The relevant laws of the country, in which the Association has its seat, shall apply in any, or all, cases or cases not specifically provided for in these By-Laws or in the Rules of Procedure.

Amendments to the Constitution and Bylaws

Clause 14

14.01 Votes by correspondence shall be accepted and recognized as valid at the session of the General Assembly dealing with such proposed amendments of the Constitution.

Clause 15

15.01 Proposed amendments to these By-Laws shall be communicated in writing to the Secretary-General who shall send copies to all Members at least three months prior to the meeting of the Executive Committee at which the proposed amendments shall be considered. If approved by the Executive Committee, as originally proposed or modified at the meeting, they shall be sent to the Members for consideration. The Members shall be requested to reply to the Secretariat within one month of the date of despatch of the communication by the Secretariat. The amendments are approved if at least two-thirds of the Members cast a favourable vote.

15.02 The Secretariat shall report to the Members the result of the voting.

15.03 The date on which an amendment shall take effect shall be decided by the Executive Committee but no amendment shall take effect earlier than two months after adoption.

Dissolution of the Association

Clause 11

16.01 A proposal for the dissolution of the Association shall be supported either by the General Assembly of the Executive Committee, or at least 75 per cent of the entire membership, before a ballot is taken. An affirmative vote of two-thirds of the entire membership shall be required for the dissolution of the Association.

16.02 In the event of the dissolution of the Association, the Executive Committee shall determine the manner of disposal of the funds and properties owned by the Association.

Annex I

1.1.1. MAIN PROGRAMS

IAITRO must be dynamic and strong in its impact from the beginning. From the first moment, it must overcome the problem of survival. It must become financially viable. To do this it must create and carry out a programme to attract a substantial membership and to earn the respect and support of agencies that are to be instrumental in contributing to its support. Therefore, the following tasks have been proposed for IAITRO for the period immediately ahead:

Issue a IAITRO membership register of technical and sustaining members;

Prepare and distribute to the membership all basic documents pertaining to the organization, operation and programme of IAITRO;

Announce the founding of IAITRO on a wide scale to all interested international agencies, national governments, private foundations and potential members;

Circulate a questionnaire to the technical members of IAITRO to determine the nature of their research, their needs and their desires;

Develop a roster of potential IAITRO membership on a worldwide basis;

Undertake a vigorous programme to extend the membership of IAITRO;

Prepare a newsletter for the membership on matters and activities of common interest to begin with, at least quarterly and perhaps more frequently at a later date, dependent on the resources of the secretariat;

Prepare projects to promote the aims of IAITRO and vigorously seek financial support for proposed activities from fund-giving agencies;

Begin to operate as early as possible as a clearing house for the membership with respect to information in its sphere of interests, sources of financing and technical support, fellowships and availability of surplus equipment;

Maintain a calendar of technical meetings of interest to industrial and technological research organizations;

Prepare for the 1972 conference of the general assembly. It should be emphasized that to be attractive and to achieve the aims of IAITRO, this and succeeding conferences must have a predominantly professional and substantive character to their biennial programmes.

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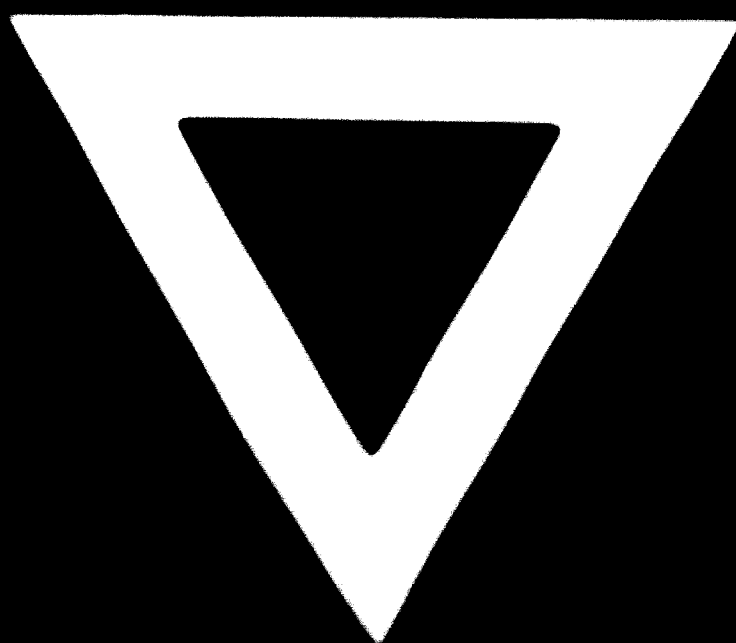
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